Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
1	**Refixing and refixing stone slabs of drains and pointing in C.M (1:3) (Pg no 27/5.33)**						
	B-Sector						
	13th B main road Form 10th B cross to 8th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00 to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00 to 90.00m	1	30.00	0.90		27.00	
	Ch:90.00 to 120.00m	1	30.00	0.90		27.00	
	Ch:120.00 to 145.00m	1	25.00	0.90		22.50	
	RHS						
	Ch:0.00 to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00 to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00 to 90.00m	1	30.00	0.90		27.00	
	Ch:90.00 to 120.00m	1	30.00	0.90		27.00	
	Ch:120.00 to 145.00m	1	25.00	0.90		22.50	
	18th B Cross From 13th B main to 12th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00 to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00 to 90.00m	1	30.00	0.90		27.00	
	Ch:90.00 to 113.00m	1	23.00	0.90		20.70	
	RHS						
	Ch:0.00 to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00 to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00 to 90.00m	1	30.00	0.90		27.00	
	Ch:90.00 to 113.00m	1	23.00	0.90		20.70	
	17th B Cross From 12th B main to 13th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00 to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00 to 90.00m	1	30.00	0.90		27.00	
	Ch:90.00 to 93.00m	1	3.00	0.90		2.70	
	RHS						
	Ch:0.00 to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00 to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00 to 90.00m	1	30.00	0.90		27.00	
	Ch:90.00 to 93.00m	1	3.00	0.90		2.70	
	12th main From 19th B cross to 16th B cross						
	LHS						

Ramadasjaradi 25/09/2020

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೮

	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	RHS	1	9.00	0.90		8.10	
		1	7.00	0.90		6.30	
		1	9.00	0.90		8.10	
		1	12.00	0.90		10.80	
		1	8.00	0.90		7.20	
		1	10.00	0.90		9.00	
		1	8.00	0.90		7.20	
		1	9.00	0.90		8.10	
	2nd Cross						
	LHS	1	9.00	0.90		8.10	
		1	8.00	0.90		7.20	
		1	7.00	0.90		6.30	
		1	11.00	0.90		9.90	
		1	12.00	0.90		10.80	
		1	6.00	0.90		5.40	
		1	7.00	0.90		6.30	
	RHS	1	8.00	0.90		7.20	
		1	6.00	0.90		5.40	
		1	7.00	0.90		6.30	
		1	8.00	0.90		7.20	
		1	10.00	0.90		9.00	
		1	6.00	0.90		5.40	
		1	9.00	0.90		8.10	
				Sub total		**476.70**	
	Deduction (1653.00-476.70)					**1176.30**	
				Sub total		**1176.30**	**Sqm**
					Total	**3838.50**	
					Limit	**3812.59**	**Sqm**

NEWZEN CONSULTANT * Bangalore *

Contractor Consultant Assistant Engineer Assistant Executive Engineer

25/09/2020

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
2	**KSRRB 300-3. Earthwork excavation and forming in embankment by manual means in ordinary soil (When earth is taken from bank cutting or from borrow pits) including breaking of clods, spreading to required line and level, forming, and cost of all labour complete as per specifications. (excluding watering and compaction of earth) (with all lead and lift) MORTH / Chapter 3**						
	B-Sector						
	13th B main road Form 10th B cross to 8th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00	0.60	0.60	10.80	
	Ch:30.00 to 60.00m	1	30.00	0.60	0.60	10.80	
	Ch:60.00 to 90.00m	1	30.00	0.60	0.60	10.80	
	Ch:90.00 to 120.00m	1	30.00	0.60	0.60	10.80	
	Ch:120.00 to 145.00m	1	25.00	0.60	0.60	9.00	
	RHS						
	Ch:0.00 to 30.00m	1	30.00	0.60	0.60	10.80	
	Ch:30.00 to 60.00m	1	30.00	0.60	0.60	10.80	
	Ch:60.00 to 90.00m	1	30.00	0.60	0.60	10.80	
	Ch:90.00 to 120.00m	1	30.00	0.60	0.60	10.80	
	Ch:120.00 to 145.00m	1	25.00	0.60	0.60	9.00	
	18th B Cross From 13th B main to 12th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00	0.60	0.60	10.80	
	Ch:30.00 to 60.00m	1	30.00	0.60	0.60	10.80	
	Ch:60.00 to 90.00m	1	30.00	0.60	0.60	10.80	
	Ch:90.00 to 113.00m	1	23.00	0.60	0.60	8.28	
	RHS						
	Ch:0.00 to 30.00m	1	30.00	0.60	0.60	10.80	
	Ch:30.00 to 60.00m	1	30.00	0.60	0.60	10.80	
	Ch:60.00 to 90.00m	1	30.00	0.60	0.60	10.80	
	Ch:90.00 to 113.00m	1	23.00	0.60	0.60	8.28	
	17th B Cross From 12th B main to 13th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00	0.60	0.60	10.80	
	Ch:30.00 to 60.00m	1	30.00	0.60	0.60	10.80	
	Ch:60.00 to 90.00m	1	30.00	0.60	0.60	10.80	
	Ch:90.00 to 93.00m	1	3.00	0.60	0.60	1.08	
	RHS						
	Ch:0.00 to 30.00m	1	30.00	0.60	0.60	10.80	

Rameshgeeth 30/09/2020

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಕಛೇರಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	50.00 to 85.00m	1	25.00	1.35	0.90	30.38	
				Sub total		732.56	
					Total	2381.61	
		(665.41+983.65+732.56)			Limit	2335.95	Cum

NEWZEN CONSULTANT
Bangalore

Contractor

Assistant Engineer
30/09/2020

Assistant Executive Engineer

Detail[redacted]ent Sheet

Name of work : Improvements to roa[redacted]A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelah[redacted]wn Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Pg no 13/item no 4.2 PWD SR 2018-19						
	Bed Concrete						
	B-Sector						
	For New Culvert						
		1	7.50	1.50	0.15	1.69	
		1	8.00	1.50	0.15	1.80	
		1	7.60	1.50	0.15	1.71	
		1	7.20	1.50	0.15	1.62	
				Sub total		6.82	
	A sector						
	For New Culvert						
		1	7.50	1.50	0.15	1.69	
		1	8.00	1.50	0.15	1.80	
		1	7.60	1.50	0.15	1.71	
		1	7.20	1.50	0.15	1.62	
				Sub total		6.82	
	LIG & MIG						
	shiradi srinivasa apartment						
	New Rcc Drain						
	LHS	1	30.00	1.20	0.15	5.40	
		1	30.00	1.20	0.15	5.40	
		1	25.00	1.20	0.15	4.50	
	For New Culvert						
		1	7.50	1.50	0.15	1.69	
		1	8.00	1.50	0.15	1.80	
		1	7.60	1.50	0.15	1.71	
		1	7.20	1.50	0.15	1.62	
				Sub total		22.12	
					Total	35.75	
					Limit	34.65	Cum

Contractor

Ramanajeeah
Assistant Engineer
5/10/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
6	**KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3**						
		No	No of Bars	Length of Bars	Co-Eff		
	B-Sector						
	C1						
	U shape main bars						
	16mm dia @ 100mm c to c	1	76.00	2.80	1.58	336.22	
	Distrubution bars						
	12mm dia @ 100mm c to c	1	29.00	7.50	0.88	191.40	
	C2						
	U shape main bars						
	16mm dia @ 100mm c to c	1	81.00	2.80	1.58	358.34	
	Distrubution bars						
	12mm dia @ 100mm c to c	1	29.00	8.00	0.88	204.16	
	C3						
	U shape main bars						
	16mm dia @ 100mm c to c	1	77.00	2.80	1.58	340.65	
	Distrubution bars						
	12mm dia @ 100mm c to c	1	29.00	7.60	0.88	193.95	
	C4						
	U shape main bars						
	16mm dia @ 100mm c to c	1	73.00	2.80	1.58	322.95	
	Distrubution bars						
	12mm dia @ 100mm c to c	1	29.00	7.20	0.88	183.74	
				Sub total		2131.42	KG
				Sub total		2.13	Tonne
	A-Sector						
	C1						
	U shape main bars						
	16mm dia @ 100mm c to c	1	76.00	2.80	1.58	336.22	
	Distrubution bars						
	12mm dia @ 100mm c to c	1	29.00	7.50	0.88	191.40	

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and adjoining area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2						
	B-Sector						
	For Side wall						
		2*2	7.50		0.90	27.00	
		2*2	8.00		0.90	28.80	
		2*2	7.60		0.90	27.36	
		2*2	7.20		0.90	25.92	
				Sub total		109.08	
	A-Sector						
	For Side wall						
		2*2	7.50		0.90	27.00	
		2*2	8.00		0.90	28.80	
		2*2	7.60		0.90	27.36	
		2*2	7.20		0.90	25.92	
				Sub total		109.08	
	LIG & MIG						
	shiradi srinivasa apartment						
	New Rcc Drain						
	For Side wall						
	LHS						
	Ch:0.00 to 30.00m	2*2	30.00		0.90	108.00	
	Ch:30.00 to 60.00m	2*2	30.00		0.90	108.00	
	Ch:60.00 to 85.00m	2*2	25.00		0.90	90.00	
	For Side wall						
		2*2	7.50		0.90	27.00	
		2*2	8.00		0.90	28.80	
		2*2	7.60		0.90	27.36	
		2*2	7.20		0.90	25.92	
				Sub total		415.08	
					Total	633.24	
					Limit	612.00	Sqm

MEN CONSULTANT * Bangalore *

Contractor

Assistant Engineer

12/10/2020

Assistant Executive Engineer

12/10/2020

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
4	**KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with 'super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.**						
	B-Sector						
	For Raft						
	For New Culvert						
		1	7.50	1.20	0.15	1.35	
		1	8.00	1.20	0.15	1.44	
		1	7.60	1.20	0.15	1.37	
		1	7.20	1.20	0.15	1.30	
	For Side wall						
		2	7.50	0.20	0.90	2.70	
		2	8.00	0.20	0.90	2.88	
		2	7.60	0.20	0.90	2.74	
		2	7.20	0.20	0.90	2.59	
				Sub total		**16.36**	
	A-Sector						
	For Raft						
	For New Culvert						
		1	7.50	1.20	0.15	1.35	
		1	8.00	1.20	0.15	1.44	
		1	7.60	1.20	0.15	1.37	
		1	7.20	1.20	0.15	1.30	
	For Side wall						
		2	7.50	0.20	0.90	2.70	
		2	8.00	0.20	0.90	2.88	
		2	7.60	0.20	0.90	2.74	
		2	7.20	0.20	0.90	2.59	
				Sub total		**16.36**	
	LIG & MIG						
	shiradi srinivasa apartment						
	Rcc Drain						

Description of Item	No	Length	Breadth	Depth	Qty	Unit
	1	30.00	0.45	0.10	1.35	
	1	30.00	0.45	0.10	1.35	
	1	10.00	0.45	0.10	0.45	
Compond Side						
LHS						
	1	30.00	0.23	0.10	0.69	
	1	30.00	0.23	0.10	0.69	
	1	10.00	0.23	0.10	0.23	
RHS						
	1	30.00	0.23	0.10	0.69	
	1	30.00	0.23	0.10	0.69	
	1	10.00	0.23	0.10	0.23	
			Sub total		**123.82**	
				Total	**156.54**	
				Limit	**153.90**	Cum

NEWZEN CONSULTANT * Bangalore *

Contractor

Ramanjeeral.

Assistant Engineer

16/10/2020

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Assistant Executive Engineer

16/10/2020

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
7	Providing and laying precast drain cover slab of 100mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc.., cmplete as per the directions of the Engineer in charge. (1.20 x 0.60 x 0.10) Data rate						
	B-Sector						
	Qty vide item No 1 Missing slabs					460.80	
	A-Sector						
	Qty vide item No 1 Missing slabs					675.00	
	LIG & MIG						
	Qty vide item No 1 Missing slabs					476.70	
	Cross Road						
		1	30	0.75		22.50	
		1	20	0.75		15.00	
					Total	1650.00	
					Limit	1646.51	Sqm

NEWZEN CONSULTANT * Bangalore *

Contractor

Ramasanjeeva.
Assistant Engineer

Assistant Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
8	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.10)Data rate						
	B-Sector						
	For New Culvert						
		1	7.50	1.80		13.50	
		1	8.00	1.80		14.40	
		1	7.60	1.80		13.68	
		1	7.20	1.80		12.96	
				Sub total		54.54	
	A-Sector						
	For New Culvert						
		1	7.50	1.80		13.50	
		1	8.00	1.80		14.40	
		1	7.60	1.80		13.68	
		1	7.20	1.80		12.96	
				Sub total		54.54	
	LIG & MIG						
	For New Culvert						
		1	7.50	1.80		13.50	
		1	8.00	1.80		14.40	
		1	7.60	1.80		13.68	
		1	7.20	1.80		12.96	
	Cross Road	1	4.00	1.80		7.20	
				Sub total		61.74	
					Total	170.82	
					Limit	170.24	Nos

NEWZEN CONSULTANT * Bangalore *

Contractor

Assistant Engineer

21/10/2020

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-560064

Assistant Executive Engineer

21/10/2020

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
9	**Removing and resetting of kerb stones**						
	B-Sector						
	13th B main road Form 10th B cross to 8th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00			30.00	
	Ch:30.00 to 60.00m	1	30.00			30.00	
	Ch:60.00 to 90.00m	1	30.00			30.00	
	Ch:90.00 to 120.00m	1	30.00			30.00	
	Ch:120.00 to 145.00m	1	25.00			25.00	
	RHS						
	Ch:0.00 to 30.00m	1	30.00			30.00	
	Ch:30.00 to 60.00m	1	30.00			30.00	
	Ch:60.00 to 90.00m	1	30.00			30.00	
	Ch:90.00 to 120.00m	1	30.00			30.00	
	Ch:120.00 to 145.00m	1	25.00			25.00	
	18th B Cross From 13th B main to 12th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00			30.00	
	Ch:30.00 to 60.00m	1	30.00			30.00	
	Ch:60.00 to 90.00m	1	30.00			30.00	
	Ch:90.00 to 113.00m	1	23.00			23.00	
	RHS						
	Ch:0.00 to 30.00m	1	30.00			30.00	
	Ch:30.00 to 60.00m	1	30.00			30.00	
	Ch:60.00 to 90.00m	1	30.00			30.00	
	Ch:90.00 to 113.00m	1	23.00			23.00	
	17th B Cross From 12th B main to 13th B main						
	LHS						
	Ch:0.00 to 30.00m	1	30.00			30.00	
	Ch:30.00 to 60.00m	1	30.00			30.00	
	Ch:60.00 to 90.00m	1	30.00			30.00	
	Ch:90.00 to 93.00m	1	3.00			3.00	
	RHS						
	Ch:0.00 to 30.00m	1	30.00			30.00	
	Ch:30.00 to 60.00m	1	30.00			30.00	
	Ch:60.00 to 90.00m	1	30.00			30.00	
	Ch:90.00 to 93.00m	1	3.00			3.00	
	12th main From 19th B cross to 16th B cross						

Ramaregeerish

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.

	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	i srinivasa apartment						
		1	9.00			9.00	
		1	8.00			8.00	
		1	10.00			10.00	
	RHS	1	9.00			9.00	
		1	7.00			7.00	
		1	10.00			10.00	
	1st main road						
	LHS	1	10.00			10.00	
		1	8.00			8.00	
		1	9.00			9.00	
	1st Cross						
	LHS	1	10.00			10.00	
		1	9.00			9.00	
		1	8.00			8.00	
		1	7.00			7.00	
		1	7.00			7.00	
		1	9.00			9.00	
		1	11.00			11.00	
				Sub total		311.00	
	Deduction (1036.00-311.00)			Sub total		725.00	Sqm
					Total	3683.00	
					Limit	3665.90	Sqm

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

27/10/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Nam Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
10	Providing and fixing Pre cast solid concrete kerb stones made out of C C 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. - do - of size 450 x 150 x 500 mm						
	Qty vide Item No 9					3683.00	
					Total	3683.00	
					Limit	3669.11	Sqm

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

Assistant Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
11	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces,with materials, labour complete as per specifications.						
	B-Sector						
	13th B main road Form 10th B cross to 8th B main						
	LHS	1	10.00		0.40	4.00	
		1	9.00		0.40	3.60	
		1	8.00		0.40	3.20	
		1	7.00		0.40	2.80	
		1	6.00		0.40	2.40	
	RHS	1	6.00		0.40	2.40	
		1	7.00		0.40	2.80	
		1	8.00		0.40	3.20	
		1	9.00		0.40	3.60	
		1	9.00		0.40	3.60	
	18th B Cross From 13th B main to 12th B main						
	LHS	1	7.00		0.40	2.80	
		1	6.00		0.40	2.40	
		1	8.00		0.40	3.20	
		1	11.00		0.40	4.40	
	RHS	1	6.00		0.40	2.40	
		1	4.00		0.40	1.60	
		1	9.00		0.40	3.60	
		1	8.00		0.40	3.20	
	17th B Cross From 12th B main to 13th B main						
	LHS	1	10.00		0.40	4.00	
		1	9.00		0.40	3.60	
		1	7.00		0.40	2.80	
		1	10.00		0.40	4.00	
	RHS	1	8.00		0.40	3.20	
		1	9.00		0.40	3.60	
		1	10.00		0.40	4.00	
		1	8.00		0.40	3.20	
	12th main From 19th B cross to 16th B cross						
	LHS	1	9.00		0.40	3.60	
		1	8.00		0.40	3.20	
		1	6.00		0.40	2.40	
		1	7.00		0.40	2.80	

28/12/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
		1	8.00		0.40	3.20	
		1	10.00		0.40	4.00	
		1	9.00		0.40	3.60	
		1	7.00		0.40	2.80	
		1	10.00		0.40	4.00	
	1st main road						
	LHS	1	10.00		0.40	4.00	
		1	8.00		0.40	3.20	
		1	9.00		0.40	3.60	
	1st Cross						
	LHS	1	10.00		0.40	4.00	
		1	9.00		0.40	3.60	
		1	8.00		0.40	3.20	
		1	7.00		0.40	2.80	
		1	7.00		0.40	2.80	
		1	9.00		0.40	3.60	
		1	11.00		0.40	4.40	
				Sub total		124.40	
					Total	629.20	
					Limit	628.44	Sqm

NEWZEN CONSULTANT
Bangalore

Contractor

Assistant Engineer
28/12/2020

Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
22	Removing and resetting of footpath slab						
	Cross from Main to Main						
	LHS	1	15.00	1.00		15.00	
		1	11.00	1.20		13.20	
		1	10.00	1.20		12.00	
		1	10.00	2.50		25.00	
		1	9.00	2.30		20.70	
		1	15.00	2.20		33.00	
		1	18.00	1.20		21.60	
		1	15.00	1.20		18.00	
		1	19.00	2.80		53.20	
		1	23.00	1.20		27.60	
		1	15.00	2.60		39.00	
		1	11.00	2.30		25.30	
		1	10.00	2.70		27.00	
		1	16.00	1.20		19.20	
		1	13.00	2.50		32.50	
	RHS	1	12.00	2.50		30.00	
		1	10.00	1.20		12.00	
		1	14.00	2.30		32.20	
		1	13.00	1.20		15.60	
		1	10.00	2.50		25.00	
		1	12.00	1.20		14.40	
		1	10.00	1.20		12.00	
		1	16.00	2.50		40.00	
		1	15.00	1.80		27.00	
		1	12.00	1.80		21.60	
		1	13.50	1.80		24.30	
		1	16.00	1.20		19.20	
		1	19.00	2.50		47.50	
		1	20.00	2.50		50.00	
		1	15.00	1.80		27.00	
					Total	780.10	Sqm
	Missing & Broken slabs						
	9th A Cross from 1st A Main to 6th A Main						
	LHS	1	5.00	1.00		5.00	
		1	4.00	1.00		4.00	

Ramesh Jeerah 7/11/2020.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
		1	3.00	1.20		3.60	
		1	2.00	2.50		5.00	
		1	3.00	2.30		6.90	
		1	3.00	2.20		6.60	
		1	3.50	1.20		4.20	
		1	5.00	1.20		6.00	
		1	4.00	2.80		11.20	
		1	3.00	1.20		3.60	
		1	4.00	2.60		10.40	
		1	3.00	2.30		6.90	
		1	4.00	2.70		10.80	
		1	5.00	1.20		6.00	
		1	3.00	2.50		7.50	
	RHS	1	2.00	2.50		5.00	
		1	2.00	1.20		2.40	
		1	2.30	2.30		5.29	
		1	5.00	1.20		6.00	
		1	4.00	2.50		10.00	
		1	3.00	1.20		3.60	
		1	3.20	1.20		3.84	
		1	3.00	2.50		7.50	
		1	3.00	1.80		5.40	
		1	2.00	1.80		3.60	
		1	4.00	1.80		7.20	
		1	5.00	1.20		6.00	
		1	3.00	2.50		7.50	
		1	5.00	2.50		12.50	
		1	6.00	1.80		10.80	
					Total	195.13	
	Deduction(780.10-195.13)					584.97	
					Total	584.97	
					Limit	580.50	Sqm

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

7/11/2020

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

07/11/2020

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
23	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications.Specification No. KBS						
				Qty Item no 22		195.13	
					Total	195.13	
					Limit	193.50	Sqm

NEWZEN CONSULTANTS

Contractor

Assistant Engineer

Assistant Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
13	**KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers,trimming bottom and side slopes, in accordance with requirements of lines,grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications.**						
	For Road						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2	0.30	20.70	
	15-30	1	15.00	(4.6+4.5)/2	0.30	20.48	
	30-45	1	15.00	(4.5+6.9)/2	0.30	25.65	
	45-60	1	15.00	(6.9+6.8)/2	0.30	30.83	
	60-75	1	15.00	(6.8+4.6)/2	0.30	25.65	
	75-79	1	4.00	(4.6+6.8)/2	0.30	6.84	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2	0.30	30.38	
	15-30	1	15.00	(6.7+5.6)/2	0.30	27.68	
	30-45	1	15.00	(5.6+5.6)/2	0.30	25.20	
	45-60	1	15.00	(5.6+5.6)/2	0.30	25.20	
	60-75	1	15.00	(5.6+5.8)/2	0.30	25.65	
	75-90	1	15.00	(5.8+6.0)/2	0.30	26.55	
	90-105	1	15.00	(6.0+6.3)/2	0.30	27.68	
	105-112	1	4.00	(6.3+6.2)/2	0.30	7.50	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2	0.30	27.90	
	15-30	1	15.00	(6.2+6.3)/2	0.30	28.13	
	30-45	1	15.00	(6.3+6.2)/2	0.30	28.13	
	45-60	1	15.00	(6.2+6.2)/2	0.30	27.90	
	60-75	1	15.00	(6.2+6.4)/2	0.30	28.35	
	75-90	1	15.00	(6.4+6.2)/2	0.30	28.35	
	90-93	1	3.00	(6.2+6.2)/2	0.30	5.58	
	Approach						
	0-15	1	15.00	(5.5+5.4)/2	0.30	24.53	
	15-28	1	13.00	(5.4+5.5)/2	0.30	21.26	
	13th B main road Form 10th B cross to 8th B main						
		1	30.00	1.80	0.30	16.20	
		1	30.00	1.80	0.30	16.20	

Ramasanjeevi 13/11/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
	RHS	1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
		1	30.00	0.90	0.90	24.30	
				Sub total		1952.73	
					Total	3530.69	Cum
					Limit	3517.14	Cum

NEWZEN CONSULTANT
Bangalore

Contractor

Assistant Engineer
13/11/2020.

13/11/2020

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

Detailed Measurement Sheet

Nam[redacted]mprovements to roads & drains at A sector,B sector,LIG and MIG and surr[redacted]a in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
12	**KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3**						
	For Road						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2	0.20	13.80	
	15-30	1	15.00	(4.6+4.5)/2	0.20	13.65	
	30-45	1	15.00	(4.5+6.9)/2	0.20	17.10	
	45-60	1	15.00	(6.9+6.8)/2	0.20	20.55	
	60-75	1	15.00	(6.8+4.6)/2	0.20	17.10	
	75-79	1	4.00	(4.6+6.8)/2	0.20	4.56	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2	0.20	20.25	
	15-30	1	15.00	(6.7+5.6)/2	0.20	18.45	
	30-45	1	15.00	(5.6+5.6)/2	0.20	16.80	
	45-60	1	15.00	(5.6+5.6)/2	0.20	16.80	
	60-75	1	15.00	(5.6+5.8)/2	0.20	17.10	
	75-90	1	15.00	(5.8+6.0)/2	0.20	17.70	
	90-105	1	15.00	(6.0+6.3)/2	0.20	18.45	
	105-112	1	4.00	(6.3+6.2)/2	0.20	5.00	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2	0.20	18.60	
	15-30	1	15.00	(6.2+6.3)/2	0.20	18.75	
	30-45	1	15.00	(6.3+6.2)/2	0.20	18.75	
	45-60	1	15.00	(6.2+6.2)/2	0.20	18.60	
	60-75	1	15.00	(6.2+6.4)/2	0.20	18.90	
	75-90	1	15.00	(6.4+6.2)/2	0.20	18.90	
	90-93	1	3.00	(6.2+6.2)/2	0.20	3.72	
	Approach						
	0-15	1	15.00	(5.5+5.4)/2	0.20	16.35	
	15-28	1	13.00	(5.4+5.5)/2	0.20	14.17	
					Total	**364.05**	
					Limit	**363.60**	Cum

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer
17/11/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
14	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications.						
	For Road						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2	0.15	10.35	
	15-30	1	15.00	(4.6+4.5)/2	0.15	10.24	
	30-45	1	15.00	(4.5+6.9)/2	0.15	12.83	
	45-60	1	15.00	(6.9+6.8)/2	0.15	15.41	
	60-75	1	15.00	(6.8+4.6)/2	0.15	12.83	
	75-79	1	4.00	(4.6+6.8)/2	0.15	3.42	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2	0.15	15.19	
	15-30	1	15.00	(6.7+5.6)/2	0.15	13.84	
	30-45	1	15.00	(5.6+5.6)/2	0.15	12.60	
	45-60	1	15.00	(5.6+5.6)/2	0.15	12.60	
	60-75	1	15.00	(5.6+5.8)/2	0.15	12.83	
	75-90	1	15.00	(5.8+6.0)/2	0.15	13.28	
	90-105	1	15.00	(6.0+6.3)/2	0.15	13.84	
	105-112	1	4.00	(6.3+6.2)/2	0.15	3.75	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2	0.15	13.95	
	15-30	1	15.00	(6.2+6.3)/2	0.15	14.06	
	30-45	1	15.00	(6.3+6.2)/2	0.15	14.06	
	45-60	1	15.00	(6.2+6.2)/2	0.15	13.95	
	60-75	1	15.00	(6.2+6.4)/2	0.15	14.18	
	75-90	1	15.00	(6.4+6.2)/2	0.15	14.18	
	90-93	1	3.00	(6.2+6.2)/2	0.15	2.79	
	Approach						
	0-15	1	15.00	(5.5+5.4)/2	0.15	12.26	
	15-28	1	13.00	(5.4+5.5)/2	0.15	10.63	
	13th B main road Form 10th B cross to 8th B main						
		1	30.00	1.80	0.15	8.10	
		1	30.00	1.80	0.15	8.10	
		1	30.00	1.80	0.15	8.10	

Ramaraju

21/11/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮುಖಪಂಡ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ.
ಯಲಹಂಕ-106

It N	Description of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	1.80	0.15	8.10	
		1	30.00	1.80	0.15	8.10	
		1	30.00	1.80	0.15	8.10	
		1	30.00	1.80	0.15	8.10	
		1	30.00	1.80	0.15	8.10	
	Cross Road						
		1	30.00	2.10	0.15	9.45	
		1	30.00	2.10	0.15	9.45	
		1	30.00	2.10	0.15	9.45	
		1	30.00	2.10	0.15	9.45	
		1	30.00	2.10	0.15	9.45	
				Sub total		289.22	Cum
					Total	1078.19	Cum
					Limit	1078.07	Cum

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

21/11/2020

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
15	**KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406**						
	For Road						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2	0.20	13.80	
	15-30	1	15.00	(4.6+4.5)/2	0.20	13.65	
	30-45	1	15.00	(4.5+6.9)/2	0.20	17.10	
	45-60	1	15.00	(6.9+6.8)/2	0.20	20.55	
	60-75	1	15.00	(6.8+4.6)/2	0.20	17.10	
	75-79	1	4.00	(4.6+6.8)/2	0.20	4.56	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2	0.20	20.25	
	15-30	1	15.00	(6.7+5.6)/2	0.20	18.45	
	30-45	1	15.00	(5.6+5.6)/2	0.20	16.80	
	45-60	1	15.00	(5.6+5.6)/2	0.20	16.80	
	60-75	1	15.00	(5.6+5.8)/2	0.20	17.10	
	75-90	1	15.00	(5.8+6.0)/2	0.20	17.70	
	90-105	1	15.00	(6.0+6.3)/2	0.20	18.45	
	105-112	1	4.00	(6.3+6.2)/2	0.20	5.00	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2	0.20	18.60	
	15-30	1	15.00	(6.2+6.3)/2	0.20	18.75	
	30-45	1	15.00	(6.3+6.2)/2	0.20	18.75	
	45-60	1	15.00	(6.2+6.2)/2	0.20	18.60	
	60-75	1	15.00	(6.2+6.4)/2	0.20	18.90	
	75-90	1	15.00	(6.4+6.2)/2	0.20	18.90	
	90-93	1	3.00	(6.2+6.2)/2	0.20	3.72	
	Approach						
	0-15	1	15.00	(5.5+5.4)/2	0.20	16.35	
	15-28	1	13.00	(5.4+5.5)/2	0.20	14.17	

Ramanjeenivh 25/11/2020

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	1.80	0.225	12.15	
		1	30.00	1.80	0.225	12.15	
		1	30.00	1.80	0.225	12.15	
		1	30.00	1.80	0.225	12.15	
		1	30.00	1.80	0.225	12.15	
		1	30.00	1.80	0.225	12.15	
		1	30.00	1.80	0.225	12.15	
	Cross Road						
		1	30.00	2.10	0.225	14.18	
		1	30.00	2.10	0.225	14.18	
		1	30.00	2.10	0.225	14.18	
		1	30.00	2.10	0.225	14.18	
		1	30.00	2.10	0.225	14.18	
				Sub total		437.69	Cum
					Total	1489.66	Cum
					Limit	1486.10	Cum

NEWZEN CONSULTANT

Contractor

Assistant Engineer

25/11/2020

Assistant Executive Engineer

25/11/2020

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
16	**KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502**						
	For Road						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2		69.00	
	15-30	1	15.00	(4.6+4.5)/2		68.25	
	30-45	1	15.00	(4.5+6.9)/2		85.50	
	45-60	1	15.00	(6.9+6.8)/2		102.75	
	60-75	1	15.00	(6.8+4.6)/2		85.50	
	75-79	1	4.00	(4.6+6.8)/2		22.80	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2		101.25	
	15-30	1	15.00	(6.7+5.6)/2		92.25	
	30-45	1	15.00	(5.6+5.6)/2		84.00	
	45-60	1	15.00	(5.6+5.6)/2		84.00	
	60-75	1	15.00	(5.6+5.8)/2		85.50	
	75-90	1	15.00	(5.8+6.0)/2		88.50	
	90-105	1	15.00	(6.0+6.3)/2		92.25	
	105-112	1	4.00	(6.3+6.2)/2		25.00	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2		93.00	
	15-30	1	15.00	(6.2+6.3)/2		93.75	
	30-45	1	15.00	(6.3+6.2)/2		93.75	
	45-60	1	15.00	(6.2+6.2)/2		93.00	
	60-75	1	15.00	(6.2+6.4)/2		94.50	
	75-90	1	15.00	(6.4+6.2)/2		94.50	
	90-93	1	3.00	(6.2+6.2)/2		18.60	
	Approach						
	0-15	1	15.00	(5.5+5.4)/2		81.75	
	15-28	1	13.00	(5.4+5.5)/2		70.85	
	13th B main road Form 10th B cross to 8th B main						
		1	30.00	1.80		54.00	
		1	30.00	1.80		54.00	
		1	30.00				

Rameshgeeta 30/11/2020

ಸಹಾಯಕ ಅಭಿಯಂತರರು/ಕಿರಿಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

Item No		of Item	No	Length	Breadth	Depth	Qty	Unit
			1	30.00	1.80		54.00	
			1	30.00	1.80		54.00	
			1	30.00	1.80		54.00	
	Cross Road							
			1	30.00	2.10		63.00	
			1	30.00	2.10		63.00	
			1	30.00	2.10		63.00	
			1	30.00	2.10		63.00	
			1	30.00	2.10		63.00	
					Sub total		1945.30	Sqm
						Total	7205.15	Sqm
						Limit	7187.10	Sqm

NEWZEN CONSULTANT
Bangalore

Contractor

Assistant Engineer

30/11/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
17	**KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting thehot mix to worksite, laying to the required grade, level and alignment, rolling with, smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.**						
	For Road						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2	0.05	3.45	
	15-30	1	15.00	(4.6+4.5)/2	0.05	3.41	
	30-45	1	15.00	(4.5+6.9)/2	0.05	4.28	
	45-60	1	15.00	(6.9+6.8)/2	0.05	5.14	
	60-75	1	15.00	(6.8+4.6)/2	0.05	4.28	
	75-79	1	4.00	(4.6+6.8)/2	0.05	1.14	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2	0.05	5.06	
	15-30	1	15.00	(6.7+5.6)/2	0.05	4.61	
	30-45	1	15.00	(5.6+5.6)/2	0.05	4.20	
	45-60	1	15.00	(5.6+5.6)/2	0.05	4.20	
	60-75	1	15.00	(5.6+5.8)/2	0.05	4.28	
	75-90	1	15.00	(5.8+6.0)/2	0.05	4.43	
	90-105	1	15.00	(6.0+6.3)/2	0.05	4.61	
	105-112	1	4.00	(6.3+6.2)/2	0.05	1.25	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2	0.05	4.65	
	15-30	1	15.00	(6.2+6.3)/2	0.05	4.69	
	30-45	1	15.00	(6.3+6.2)/2	0.05	4.69	
	45-60	1	15.00	(6.2+6.2)/2	0.05	4.65	
	60-75	1	15.00	(6.2+6.4)/2	0.05	4.73	
	75-90	1	15.00	(6.4+6.2)/2	0.05	4.73	
	90-93	1	3.00	(6.2+6.2)/2	0.05	0.93	
	Approach						
	0-15	1	15.00	(5.5+5.4)/2	0.05	4.09	
	15-28	1	13.00	(5.4+5.5)/2	0.05	3.54	
	13th B main road Form 10th B cross to 8th B main						
		1	30.00	1.80	0.05	2.70	
		1	30.00	1.80	0.05		

Ramalingaiah 5/12/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No		ion of Item	No	Length	Breadth	Depth	Qty	Unit
			1	30.00	1.80	0.05	2.70	
			1	30.00	1.80	0.05	2.70	
			1	30.00	1.80	0.05	2.70	
			1	30.00	1.80	0.05	2.70	
	Cross Road							
			1	30.00	2.10	0.05	3.15	
			1	30.00	2.10	0.05	3.15	
			1	30.00	2.10	0.05	3.15	
			1	30.00	2.10	0.05	3.15	
			1	30.00	2.10	0.05	3.15	
					Sub total		97.27	Cum
						Total	360.26	Cum
						Limit	359.30	Cum

NEWZEN CONSULTANT * Bangalore *

Contractor

Assistant Engineer

5/12/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
18	**KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.**						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2		69.00	
	15-30	1	15.00	(4.6+4.5)/2		68.25	
	30-45	1	15.00	(4.5+6.9)/2		85.50	
	45-60	1	15.00	(6.9+6.8)/2		102.75	
	60-75	1	15.00	(6.8+4.6)/2		85.50	
	75-79	1	4.00	(4.6+6.8)/2		22.80	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2		101.25	
	15-30	1	15.00	(6.7+5.6)/2		92.25	
	30-45	1	15.00	(5.6+5.6)/2		84.00	
	45-60	1	15.00	(5.6+5.6)/2		84.00	
	60-75	1	15.00	(5.6+5.8)/2		85.50	
	75-90	1	15.00	(5.8+6.0)/2		88.50	
	90-105	1	15.00	(6.0+6.3)/2		92.25	
	105-112	1	4.00	(6.3+6.2)/2		25.00	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2		93.00	
	15-30	1	15.00	(6.2+6.3)/2		93.75	
	30-45	1	15.00	(6.3+6.2)/2		93.75	
	45-60	1	15.00	(6.2+6.2)/2		93.00	
	60-75	1	15.00	(6.2+6.4)/2		94.50	
	75-90	1	15.00	(6.4+6.2)/2		94.50	
	90-93	1	3.00	(6.2+6.2)/2		18.60	
	12th B main road from 16th B cross to 19th B main						
	0-15	1	15.00	(6.0+5.8)/2		88.50	
	15-30	1	15.00	(5.8+4.7)/2		78.75	
	30-45	1	15.00	(4.7+4.8)/2		71.25	
	45-60	1	15.00	(4.8+7.0)/2		88.50	
	60-75	1	15.00	(7.0+7.0)/2		105.00	
	75-90	1	15.00	(7.0+6.4)/2		100.50	
	90-105	1	15.00	(6.4+6.0)/2		96.00	
	105-116.2	1	11.20	(6.4+4.3)/2		60.90	

Remarks received 9/12/2020

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಯಲಹಂಕ ನ್ಯೂ ಟೌನ್

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	[redacted]	1	15.00	(4.2+4.3)/2		63.75	
	225-238	1	13.00	(4.3+4.4)/2		56.55	
	Cross Road						
	0-15	1	15.00	(6.3+6.5)/2		96.00	
	15-30	1	15.00	(6.5+6.2)/2		95.25	
	30-45	1	15.00	(6.2+6.4)/2		94.50	
	45-60	1	15.00	(6.4+6.5)/2		96.75	
	60-75	1	15.00	(6.5+6.1)/2		94.50	
	75-90	1	15.00	(6.1+6.0)/2		90.75	
	90-105	1	15.00	(6.0+6.1)/2		90.75	
	105-120	1	15.00	(6.1+6.2)/2		92.25	
	120-135	1	15.00	(6.2+6.2)/2		93.00	
	135-150	1	15.00	(6.2+6.3)/2		93.75	
	150-165	1	15.00	(6.3+6.4)/2		95.25	
	165-180	1	15.00	(6.4+6.5)/2		96.75	
	180-195	1	15.00	(6.5+6.2)/2		95.25	
	195-210	1	15.00	(6.2+6.1)/2		92.25	
	210-225	1	15.00	(6.1+6.2)/2		92.25	
	225-240	1	15.00	(6.2+6.5)/2		95.25	
	240-255	1	15.00	(6.5+6.4)/2		96.75	
	255-270	1	15.00	(6.4+6.5)/2		96.75	
	270-285	1	15.00	(6.5+6.2)/2		95.25	
	285-300	1	15.00	(6.2+6.1)/2		92.25	
	300-315	1	15.00	(6.1+6.2)/2		92.25	
	315-320	1	5.00	(6.2+6.5)/2		31.75	
				Sub total		7475.65	Sqm
					Total	22309.22	Sqm
					Limit	22214.60	sqm

NEWZEN CONSULTANT
Bangalore

Contractor

Ramanjaneya.
Assistant Engineer
9/12/2020

09/12/2020
Assistant Executive Engineer

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
19	**KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.**						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2		69.00	
	15-30	1	15.00	(4.6+4.5)/2		68.25	
	30-45	1	15.00	(4.5+6.9)/2		85.50	
	45-60	1	15.00	(6.9+6.8)/2		102.75	
	60-75	1	15.00	(6.8+4.6)/2		85.50	
	75-79	1	4.00	(4.6+6.8)/2		22.80	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2		101.25	
	15-30	1	15.00	(6.7+5.6)/2		92.25	
	30-45	1	15.00	(5.6+5.6)/2		84.00	
	45-60	1	15.00	(5.6+5.6)/2		84.00	
	60-75	1	15.00	(5.6+5.8)/2		85.50	
	75-90	1	15.00	(5.8+6.0)/2		88.50	
	90-105	1	15.00	(6.0+6.3)/2		92.25	
	105-112	1	4.00	(6.3+6.2)/2		25.00	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2		93.00	
	15-30	1	15.00	(6.2+6.3)/2		93.75	
	30-45	1	15.00	(6.3+6.2)/2		93.75	
	45-60	1	15.00	(6.2+6.2)/2		93.00	
	60-75	1	15.00	(6.2+6.4)/2		94.50	
	75-90	1	15.00	(6.4+6.2)/2		94.50	
	90-93	1	3.00	(6.2+6.2)/2		18.60	
	12th B main road from 16th B cross to 19th B main						
	0-15	1	15.00	(6.0+5.8)/2		88.50	
	15-30	1	15.00	(5.8+4.7)/2		78.75	
	30-45	1	15.00	(4.7+4.8)/2		71.25	
	45-60	1	15.00	(4.8+7.0)/2		88.50	
	60-75	1	15.00	(7.0+7.0)/2		105.00	
	75-90	1	15.00	(7.0+6.7)/2		100.50	

Ramalingeswara 14/12/2020

Executive Engineer

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	[redacted]	1	15.00	(4.1+4.3)/2		63.00	
	[redacted]	1	15.00	(4.3+4.2)/2		63.75	
	[redacted]	1	15.00	(4.2+4.3)/2		63.75	
	225-238	1	13.00	(4.3+4.4)/2		56.55	
	Cross Road						
	0-15	1	15.00	(6.3+6.5)/2		96.00	
	15-30	1	15.00	(6.5+6.2)/2		95.25	
	30-45	1	15.00	(6.2+6.4)/2		94.50	
	45-60	1	15.00	(6.4+6.5)/2		96.75	
	60-75	1	15.00	(6.5+6.1)/2		94.50	
	75-90	1	15.00	(6.1+6.0)/2		90.75	
	90-105	1	15.00	(6.0+6.1)/2		90.75	
	105-120	1	15.00	(6.1+6.2)/2		92.25	
	120-135	1	15.00	(6.2+6.2)/2		93.00	
	135-150	1	15.00	(6.2+6.3)/2		93.75	
	150-165	1	15.00	(6.3+6.4)/2		95.25	
	165-180	1	15.00	(6.4+6.5)/2		96.75	
	180-195	1	15.00	(6.5+6.2)/2		95.25	
	195-210	1	15.00	(6.2+6.1)/2		92.25	
	210-225	1	15.00	(6.1+6.2)/2		92.25	
	225-240	1	15.00	(6.2+6.5)/2		95.25	
	240-255	1	15.00	(6.5+6.4)/2		96.75	
	255-270	1	15.00	(6.4+6.5)/2		96.75	
	270-285	1	15.00	(6.5+6.2)/2		95.25	
	285-300	1	15.00	(6.2+6.1)/2		92.25	
	300-315	1	15.00	(6.1+6.2)/2		92.25	
	315-320	1	5.00	(6.2+6.5)/2		31.75	
				Sub total		**7475.65**	**Sqm**
					Total	**22309.22**	**Sqm**
					Limit	**22214.60**	**sqm**

NEWZEN CONSULTANT
Bangalore

Contractor

Ramanajeevaiah.
Assistant Engineer
14/12/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. Assistant Executive Engineer

14/12/20

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
20	**KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respects complete as per specifications.**						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	1	15.00	(4.6+4.6)/2	0.04	2.76	
	15-30	1	15.00	(4.6+4.5)/2	0.04	2.73	
	30-45	1	15.00	(4.5+6.9)/2	0.04	3.42	
	45-60	1	15.00	(6.9+6.8)/2	0.04	4.11	
	60-75	1	15.00	(6.8+4.6)/2	0.04	3.42	
	75-79	1	4.00	(4.6+6.8)/2	0.04	0.91	
	18th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.8+6.7)/2	0.04	4.05	
	15-30	1	15.00	(6.7+5.6)/2	0.04	3.69	
	30-45	1	15.00	(5.6+5.6)/2	0.04	3.36	
	45-60	1	15.00	(5.6+5.6)/2	0.04	3.36	
	60-75	1	15.00	(5.6+5.8)/2	0.04	3.42	
	75-90	1	15.00	(5.8+6.0)/2	0.04	3.54	
	90-105	1	15.00	(6.0+6.3)/2	0.04	3.69	
	105-112	1	4.00	(6.3+6.2)/2	0.04	1.00	
	17th B cross road from 13th B main to 12th B main						
	0-15	1	15.00	(6.2+6.2)/2	0.04	3.72	
	15-30	1	15.00	(6.2+6.3)/2	0.04	3.75	
	30-45	1	15.00	(6.3+6.2)/2	0.04	3.75	
	45-60	1	15.00	(6.2+6.2)/2	0.04	3.72	
	60-75	1	15.00	(6.2+6.4)/2	0.04	3.78	
	75-90	1	15.00	(6.4+6.2)/2	0.04	3.78	
	90-93	1	3.00	(6.2+6.2)/2	0.04	0.74	
	12th B main road from 16th B cross to 19th B main						
	0-15	1	15.00	(6.0+5.8)/2	0.04	3.54	
	15-30	1	15.00	(5.8+4.7)/2	0.04	3.15	
	30-45	1	15.00	(4.7+4.8)/2	0.04	2.85	
	45-60	1	15.00	(4.8+7.0)/2	0.04	3.54	
	60-75	1	15.00	(7.0+7.0)/2			
	75-90	1	15.00	(7.0+6.4)/2			

19/12/2020

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	90-105	1	15.00	(6.4+6.4)/2	0.04	3.84	
	105-116.2	1	11.20	(6.4+4.3)/2	0.04	2.40	
	9th B main road from 10th B cross road to 13th B cross						
	0-15	1	15.00	(7.2+6.4)/2	0.04	4.08	
	15-30	1	15.00	(6.4+6.4)/2	0.04	3.84	
	30-45	1	15.00	(6.4+6.3)/2	0.04	3.81	
	45-60	1	15.00	(6.3+6.2)/2	0.04	3.75	
	60-75	1	15.00	(6.2+6.4)/2	0.04	3.78	
	75-90	1	15.00	(6.4+6.6)/2	0.04	3.90	
	90-105	1	15.00	(6.6+6.0)/2	0.04	3.78	
	105-120	1	15.00	(6.0+6.3)/2	0.04	3.69	
	120-135	1	15.00	(6.3+6.0)/2	0.04	3.69	
	135-150	1	15.00	(6.0+5.5)/2	0.04	3.45	
	150-165	1	15.00	(5.5+5.9)/2	0.04	3.42	
	165-180	1	15.00	(5.9+7.2)/2	0.04	3.93	
	11th B cross road from 12th main to 9th B main						
	0-15	1	15.00	(7.5+7.1)/2	0.04	4.38	
	15-30	1	15.00	(7.1+6.7)/2	0.04	4.14	
	30-45	1	15.00	(6.7+6.7)/2	0.04	4.02	
	45-60	1	15.00	(6.7+6.5)/2	0.04	3.96	
	60-75	1	15.00	(6.5+6.8)/2	0.04	3.99	
	75-90	1	15.00	(6.8+6.8)/2	0.04	4.08	
	90-105	1	15.00	(6.8+6.8)/2	0.04	4.08	
	105-120	1	15.00	(6.8+6.8)/2	0.04	4.08	
	120-130	1	10.00	(6.8+7.2)/2	0.04	2.80	
	13th B cross road from 8th B main to 10th B main						
	0-15	1	15.00	(7.0+6.5)/2	0.04	4.05	
	15-30	1	15.00	(6.5+6.0)/2	0.04	3.75	
	30-45	1	15.00	(6.0+6.8)/2	0.04	3.84	
	45-60	1	15.00	(6.8+6.8)/2	0.04	4.08	
	60-75	1	15.00	(6.8+6.5)/2	0.04	3.99	
	75-90	1	15.00	(6.5+6.5)/2	0.04	3.90	
	90-105	1	15.00	(6.5+6.5)/2	0.04	3.90	
	105-120	1	15.00	(6.5+6.8)/2	0.04	3.99	
	120-135	1	15.00	(6.8+6.9)/2	0.04	4.11	
	135-145	1	10.00	(6.9+5.8)/2	0.04	2.54	
	Cross Road						
	0-15	1	15.00	(7.0+6.5)/2	0.04	4.05	
	15-30	1	15.00	(6.5+6.0)/2	0.04	3.75	
	30-45	1	15.00	(6.0+6.8)/2	0.04	3.84	
	45-60	1	15.00	(6.8+6.8)/2	0.04	4.08	
	60-75	1	15.00	(6.8+6.5)/2	0.04	3.99	
	75-90	1	15.00	(6.5+6.5)/2	0.04	3.90	
	90-105	1	15.00	(6.5+6.5)/2	0.04	3.90	
	105-120	1	15.00	(6.5+6.8)/2	0.04	3.99	
	120-135	1	15.00	(6.8+6.9)/2	0.04	4.11	
	135-150	1	15.00	(6.9+5.8)/2	0.04	3.81	
	150-165	1	15.00	(5.8+6.5)/2	0.04	3.69	
	165-180	1	15.00	(6.5+6.5)/2	0.04	3.90	
	180-195	1	15.00	(6.5+6.8)/2	0.04	3.99	
	195-210	1	15.00	(6.8+6.9)/2	0.04	4.11	
	210-225	1	15.00	(6.9+5.8)/2	0.04	3.81	
	225-240	1	15.00	(5.8+6.9)/2	0.04	3.81	

Remarks each
19/12/

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	240-255	1	10.00	(6.9+5.8)/2	0.04	2.54	
				Sub total		278.31	Cum
	A-Sector						
	9th A cross From 1st A main to 12th main						
	0-15	1	15.00	(8.2+8.3)/2	0.04	4.95	
	15-30	1	15.00	(8.3+8.2)/2	0.04	4.95	
	30-45	1	15.00	(8.2+6.7)/2	0.04	4.47	
	45-60	1	15.00	(6.7+6.9)/2	0.04	4.08	
	60-75	1	15.00	(6.9+6.9)/2	0.04	4.14	
	75-90	1	15.00	(6.9+6.9)/2	0.04	4.14	
	90-105	1	15.00	(6.9+6.8)/2	0.04	4.11	
	105-120	1	15.00	(6.8+6.8)/2	0.04	4.08	
	120-135	1	15.00	(6.8+7.1)/2	0.04	4.17	
	135-150	1	15.00	(7.1+7.2)/2	0.04	4.29	
	150-165	1	15.00	(7.2+6.9)/2	0.04	4.23	
	165-180	1	15.00	(6.9+6.9)/2	0.04	4.14	
	180-195	1	15.00	(6.9+7.0)/2	0.04	4.17	
	195-210	1	15.00	(7.0+7.0)/2	0.04	4.20	
	210-225	1	15.00	(7.0+6.8)/2	0.04	4.14	
	225-240	1	15.00	(6.8+6.9)/2	0.04	4.11	
	240-255	1	15.00	(6.9+7.0)/2	0.04	4.17	
	255-270	1	15.00	(7.0+7.2)/2	0.04	4.26	
	270-285	1	15.00	(7.2+7.1)/2	0.04	4.29	
	285-300	1	15.00	(7.1+7.1)/2	0.04	4.26	
	300-315	1	15.00	(7.1+7.3)/2	0.04	4.32	
	315-330	1	15.00	(7.3+6.7)/2	0.04	4.20	
	330-345	1	15.00	(6.7+6.7)/2	0.04	4.02	
	345-360	1	15.00	(6.7+6.8)/2	0.04	4.05	
	360-375	1	15.00	(6.8+7.3)/2	0.04	4.23	
	375-390	1	15.00	(7.3+7.3)/2	0.04	4.38	
	390-405	1	15.00	(7.3+6.7)/2	0.04	4.20	
	405-420	1	15.00	(6.7+7.2)/2	0.04	4.17	
	420-435	1	15.00	(7.2+7.0)/2	0.04	4.26	
	7th A cross From 2nd A main to 12th A main						
	0-15	1	15.00	(6.0+6.0)/2	0.04	3.60	
	15-30	1	15.00	(6.0+6.1)/2	0.04	3.63	
	30-45	1	15.00	(6.1+6.2)/2	0.04	3.69	
	45-60	1	15.00	(6.2+6.2)/2	0.04	3.72	
	60-75	1	15.00	(6.2+6.7)/2	0.04	3.87	
	75-90	1	15.00	(6.7+6.7)/2	0.04	4.02	
	90-105	1	15.00	(6.7+6.1)/2	0.04	3.84	
	105-120	1	15.00	(6.1+6.1)/2	0.04	3.66	
	120-135	1	15.00	(6.1+6.9)/2	0.04	3.90	
	135-150	1	15.00	(6.9+7.0)/2	0.04	4.17	
	150-165	1	15.00	(7.0+6.3)/2	0.04	3.99	
	165-180	1	15.00	(6.3+6.4)/2	0.04	3.81	
	180-195	1	15.00	(6.4+7.0)/2	0.04	4.02	
	195-210	1	15.00	(7.0+6.3)/2	0.04	3.99	
	210-225	1	15.00	(6.3+6.2)/2	0.04	3.75	
	225-240	1	15.00	(6.2+5.8)/2	0.04	3.60	
	240-255	1	15.00	(5.8+5.5)/2	0.04	3.39	
	255-270	1	15.00	(5.5+5.4)/2	0.04	3.33	
	270-285	1	15.00	(5.4+6.8)/2	0.04	3.66	

19/12/2020

19/12/2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	285-289	1	4.00	(6.8+6.8)/2	0.04	1.09	
	3rd A main from 4th A cross to 7th cross						
	0-15						
	15-30	1	15.00	(6.1+6.2)/2	0.04	3.69	
	30-45	1	15.00	(6.2+6.1)/2	0.04	3.69	
	45-60	1	15.00	(6.1+4.5)/2	0.04	3.18	
	60-75	1	15.00	(4.5+4.9)/2	0.04	2.82	
	75-90	1	15.00	(4.9+4.8)/2	0.04	2.91	
	90-105	1	15.00	(4.8+4.8)/2	0.04	2.88	
	105-120	1	15.00	(4.8+6.5)/2	0.04	3.39	
	120-134	1	14.00	(6.5+7.3)/2	0.04	3.86	
	4th mian from 4th A cross to 7th A cross				0.04		
	0-15	1	15.00	(4.5+4.8)/2	0.04	2.79	
	15-30	1	15.00	(4.8+3.9)/2	0.04	2.61	
	30-45	1	15.00	(3.9+3.8)/2	0.04	2.31	
	45-60	1	15.00	(3.8+4.2)/2	0.04	2.40	
	60-75	1	15.00	(4.2+4.3)/2	0.04	2.55	
	75-90	1	15.00	(4.3+4.4)/2	0.04	2.61	
	90-105	1	15.00	(4.4+3.7)/2	0.04	2.43	
	105-120	1	15.00	(3.7+3.5)/2	0.04	2.16	
	120-137	1	17.00	(3.5+6.2)/2	0.04	3.30	
	10th A cross						
	0-15	1	15.00	(7.3+7.2)/2	0.04	4.35	
	15-30	1	15.00	(7.2+7.0)/2	0.04	4.26	
	30-45	1	15.00	(7.0+4.6)/2	0.04	3.48	
	45-60	1	15.00	(4.6+6.5)/2	0.04	3.33	
	60-75	1	15.00	(6.5+6.5)/2	0.04	3.90	
	75-90	1	15.00	(6.5+6.2)/2	0.04	3.81	
	90-105	1	15.00	(6.2+5.9)/2	0.04	3.63	
	105-120	1	15.00	(5.9+6.0)/2	0.04	3.57	
	120-135	1	15.00	(6.0+6.1)/2	0.04	3.63	
	135-150	1	15.00	(6.1+6.2)/2	0.04	3.69	
	150-165	1	15.00	(6.2+6.5)/2	0.04	3.81	
	165-180	1	15.00	(6.5+6.9)/2	0.04	4.02	
	180-195	1	15.00	(6.9+6.7)/2	0.04	4.08	
	195-210	1	15.00	(6.7+6.5)/2	0.04	3.96	
	210-225	1	15.00	(6.5+6.9)/2	0.04	4.02	
	225-240	1	15.00	(6.9+6.9)/2	0.04	4.14	
	240-255	1	15.00	(6.9+6.5)/2	0.04	4.02	
				Sub total		**315.03**	Cum
	LIG & MIG						
	Brigth low college 21st cross						
	0-15	1	15.00	(8.0+8.1)/2	0.04	4.83	
	15-30	1	15.00	(8.1+9.0)/2	0.04	5.13	
	30-45	1	15.00	(9.0+8.5)/2	0.04	5.25	
	45-60	1	15.00	(8.5+8.5)/2	0.04	5.10	
	60-75	1	15.00	(8.5+8.5)/2	0.04	5.10	
	75-90	1	15.00	(8.5+9.0)/2	0.04	5.25	
	90-105	1	15.00	(9.0+8.5)/2	0.04	5.25	
	105-120	1	15.00	(8.5+8.5)/2	0.04	5.10	
	120-133	1	13.00	(8.5+7.3)/2	0.04	4.11	
	Hoysala Ground From SWD to 24th cross						
	0-15	1	15.00	(6.2+6.5)/2	0.04		

19/12/2020

Ramanjeeredy 19/12/2020

Item No		em	No	Length	Breadth	Depth	Qty	Unit
	180-195		1	15.00	(4.1+4.3)/2	0.04	2.52	
	195-210		1	15.00	(4.3+4.2)/2	0.04	2.55	
	210-225		1	15.00	(4.2+4.3)/2	0.04	2.55	
	225-238		1	13.00	(4.3+4.4)/2	0.04	2.26	
	Cross Road							
	0-15		1	15.00	(6.3+6.5)/2	0.04	3.84	
	15-30		1	15.00	(6.5+6.2)/2	0.04	3.81	
	30-45		1	15.00	(6.2+6.4)/2	0.04	3.78	
	45-60		1	15.00	(6.4+6.5)/2	0.04	3.87	
	60-75		1	15.00	(6.5+6.1)/2	0.04	3.78	
	75-90		1	15.00	(6.1+6.0)/2	0.04	3.63	
	90-105		1	15.00	(6.0+6.1)/2	0.04	3.63	
	105-120		1	15.00	(6.1+6.2)/2	0.04	3.69	
	120-135		1	15.00	(6.2+6.2)/2	0.04	3.72	
	135-150		1	15.00	(6.2+6.3)/2	0.04	3.75	
	150-165		1	15.00	(6.3+6.4)/2	0.04	3.81	
	165-180		1	15.00	(6.4+6.5)/2	0.04	3.87	
	180-195		1	15.00	(6.5+6.2)/2	0.04	3.81	
	195-210		1	15.00	(6.2+6.1)/2	0.04	3.69	
	210-225		1	15.00	(6.1+6.2)/2	0.04	3.69	
	225-240		1	15.00	(6.2+6.5)/2	0.04	3.81	
	240-255		1	15.00	(6.5+6.4)/2	0.04	3.87	
	255-270		1	15.00	(6.4+6.5)/2	0.04	3.87	
	270-285		1	15.00	(6.5+6.2)/2	0.04	3.81	
	285-300		1	15.00	(6.2+6.1)/2	0.04	3.69	
	300-315		1	15.00	(6.1+6.2)/2	0.04	3.69	
	315-320		1	5.00	(6.2+6.5)/2	0.04	1.27	
					Sub total		299.03	Cum
						Total	892.37	Cum
						Limit	888.59	Cum

19/12/2020

NEWZEN CONSULTANT * Bangalore *

Contractor

Ramanjaneesh

Assistant Engineer

19/12/2020

Assistant Executive Engineer

19/12/2020

Detailed Measurement Sheet

Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)

Name of Agency :- M.S.V.Constructions Company

Est Cost :Rs.300.00 Lakhs

Job Code No: 004-19-000014

Work Order No:BBMP/EE/YNK.D/EPMT-5/W.O/126/2020-21 Date: 21.09.2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
21	**KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803**						
	B-Sector						
	13th B main road from 16th B cross to 19th B cross						
	0-15	2.5	15.00	0.15		5.63	
	15-30	2.5	15.00	0.15		5.63	
	30-45	2.5	15.00	0.15		5.63	
	45-60	2.5	15.00	0.15		5.63	
	60-75	2.5	15.00	0.15		5.63	
	75-79	2.5	4.00	0.15		1.50	
	18th B cross road from 13th B main to 12th B main						
	0-15	2.5	15.00	0.15		5.63	
	15-30	2.5	15.00	0.15		5.63	
	30-45	2.5	15.00	0.15		5.63	
	45-60	2.5	15.00	0.15		5.63	
	60-75	2.5	15.00	0.15		5.63	
	75-90	2.5	15.00	0.15		5.63	
	90-105	2.5	15.00	0.15		5.63	
	105-112	2.5	4.00	0.15		1.50	
	17th B cross road from 13th B main to 12th B main						
	0-15	2.5	15.00	0.15		5.63	
	15-30	2.5	15.00	0.15		5.63	
	30-45	2.5	15.00	0.15		5.63	
	45-60	2.5	15.00	0.15		5.63	
	60-75	2.5	15.00	0.15		5.63	
	75-90	2.5	15.00	0.15		5.63	
	90-93	2.5	3.00	0.15		1.13	
	9th B main road from 10th B cross road to 13th B cross						
	0-15	2.5	15.00	0.15		5.63	
	15-30	2.5	15.00	0.15		5.63	
	30-45	2.5	15.00	0.15		5.63	
	45-60	2.5	15.00	0.15		5.63	

Ramanjeerah
5/PP/2021

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Item No		Item	No	Length	Breadth	Depth	Qty	Unit
	240-255		2.5	15.00	0.15		5.63	
	255-270		2.5	15.00	0.15		5.63	
	270-285		2.5	15.00	0.15		5.63	
					Sub total		455.63	Sqm
						Total	1171.50	Sqm
						Limit	1139.60	Sqm

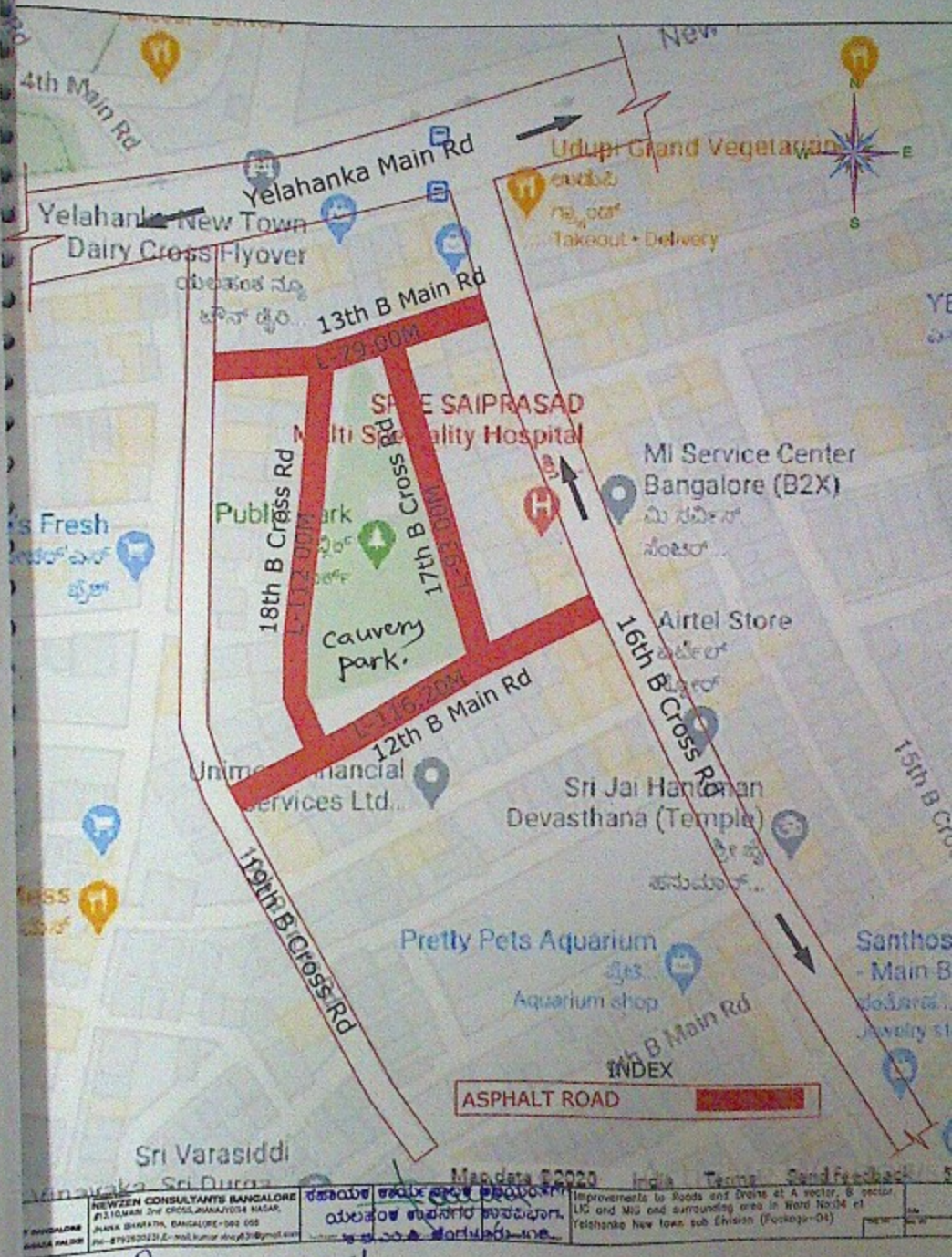
NEWZEN CONSULTANT * Bangalore *

Contractor

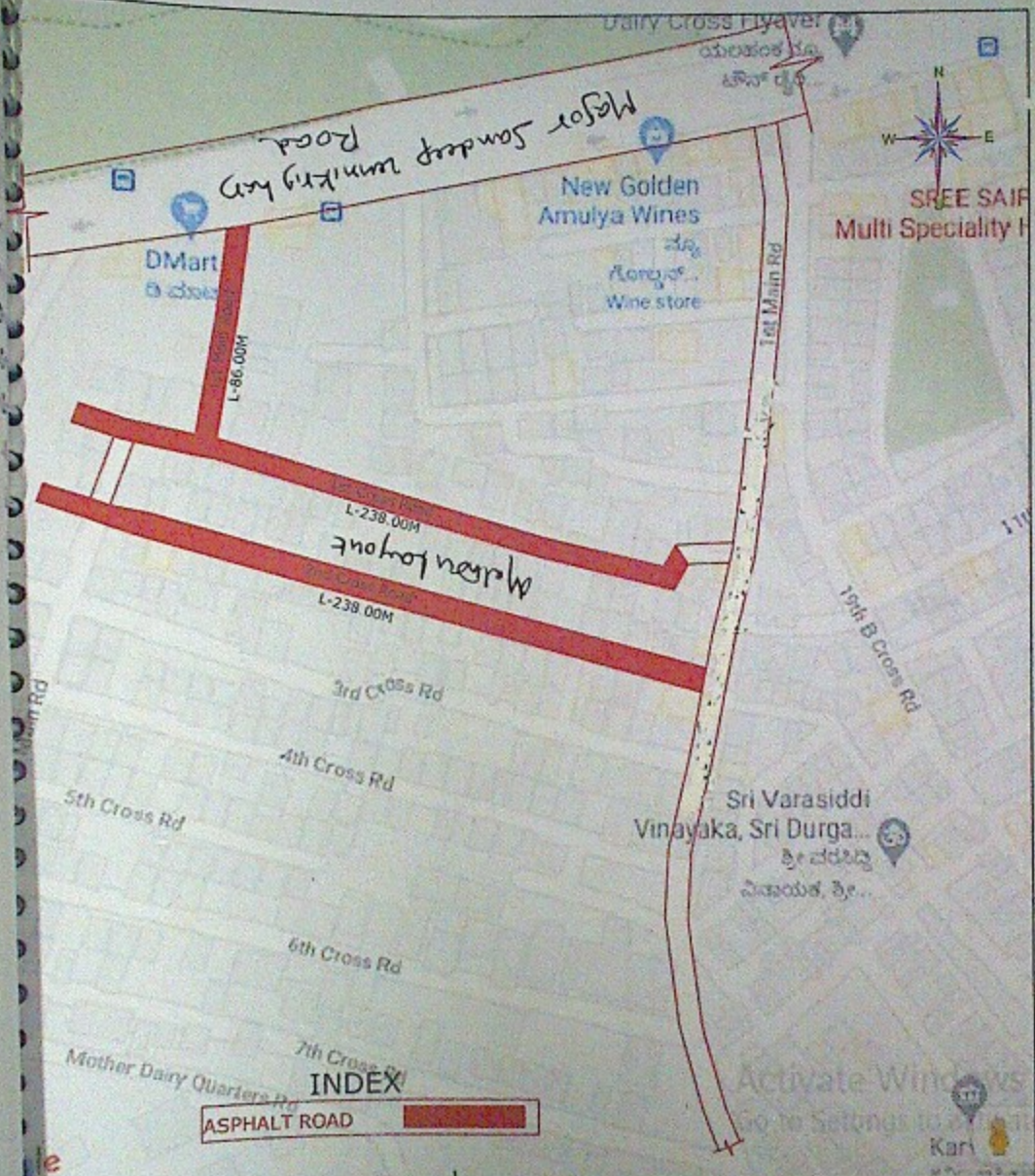
Assistant Engineer

5/01/2021.

Assistant Executive Engineer



Ramadayanaik


Dairy Cross Flyover
New Golden
Amulya Wines
Wine store
DMart
SREE SAIR
Multi Speciality H
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1st Main Rd
L-238.00M
L-238.00M
19th B Cross Rd
3rd Cross Rd
4th Cross Rd
5th Cross Rd
6th Cross Rd
7th Cross Rd
Sri Varasiddi
Vinayaka, Sri Durga...
Mother Dairy Quarters Rd
INDEX
ASPHALT ROAD
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Send feedback
Improvements To Roads and Drains at A Sector, B Sector,
and HIG and surrounding area in Ward No 04
Yelahanka New town sub Division (Package-04)

CUDM: BRUHAT BANGALORE MAHANAGARA PALIKE

CONSULTANT(S): NEWZEN CONSULTANTS BANGALORE
#13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR, JNANA BHARATHI, BANGALORE-560 056
PH-8792620231,E-mail:kumar.vinay631@gmail.com

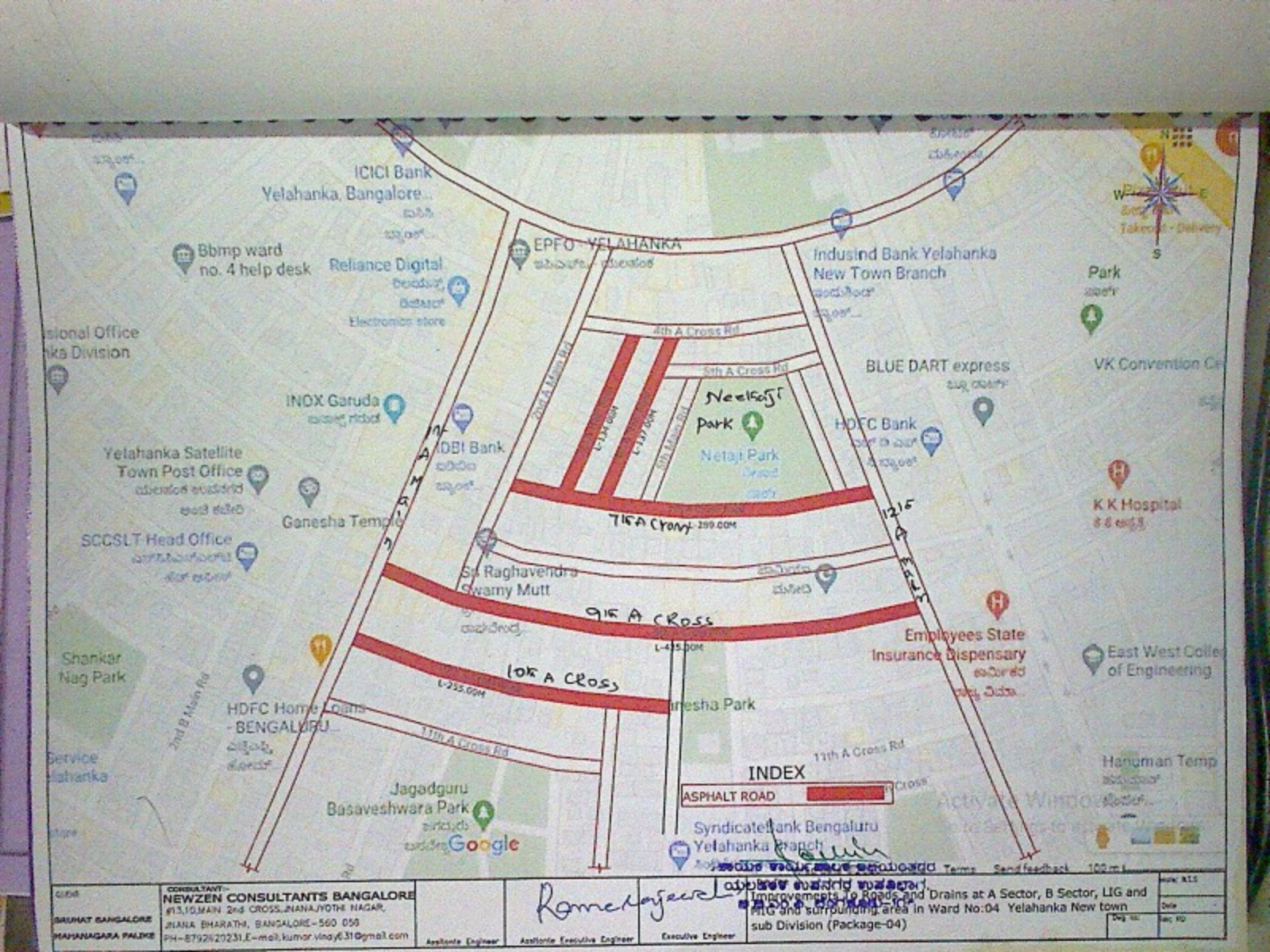
Asstants Engineer | Asstants Executive Engineer | Executive Engineer

Improvements to Roads and Drains at A Sector, B Sector, LIG and MIG and surrounding area in Ward No:04 Yelahanka New town sub Division (Package-04)

Scale: N.T.S | Date | Dwg No: | Rev. No

	NEWEN CONSULTANTS BANGALORE			Improvements to roads and drains at A sector, B sector, LIG and MIG and surrounding area in Ward No:04 of Yelahanka New town sub Division (Package-04)

Rangaiah



GBWB GAUHAT BANGALORE MAHANAGARA PALIKE	CONSULTANT:- **NEWZEN CONSULTANTS BANGALORE** #13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR, JNANA BHARATHI, BANGALORE-560 056 PH-8792620231,E-mail:kumar.vinay631@gmail.com	Assistant Engineer	Assistant Executive Engineer	Executive Engineer	Improvements to Roads and Drains at A Sector, B Sector, LIG and HIG and surrounding area in Ward No:04 Yelahanka New town sub Division (Package-04)